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Am

accordion fold doors

CUSTOMFOLD DOORS pages 2-9

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AMERICAN ACCORDION-FOLD DOORS, INC.

CUSTOMFOLD

accordion doors

AMERICAN ACCORDION-FOLD DOORS, INC. manufacture a complete line of accordion folding doors for all requirements; Room Division, Passageway Doors, Closet Closures. All products have been specifically designed to create space, save space, to assure maximum life, provide ease of installation and simple maintenance.

You can specify American Accordion-Fold Door products; Customfold, Stackdoor, Wovynfold and Accordofold Royale with confidence, because the standards set require the finest materials to be utilized, only the best workmanship to bring about American Accordion-Fold Door's finished product. These standards are observed for every door that is produced by American Accordion-Fold Doors, Inc.

meeting and dining rooms of private club

executive offices, cafeteria and meeting room

quality features

1 CONSTRUCTION
Rust-resistant heavy gauge steel throughout.

2 EXTRA FRAMING
All doors from 7′-6″ to 12′ in height have three sets of hinges to assure rigidity

doors from 12′ to 14′ have 4 sets of hinges

doors from 14′ to 20′ have 5 sets of hinges

3 ROLLERS
Sturdy quiet ball-bearing, nylon covers. 4-wheel Master carriage. Smooth operation specially designed to reduce friction.

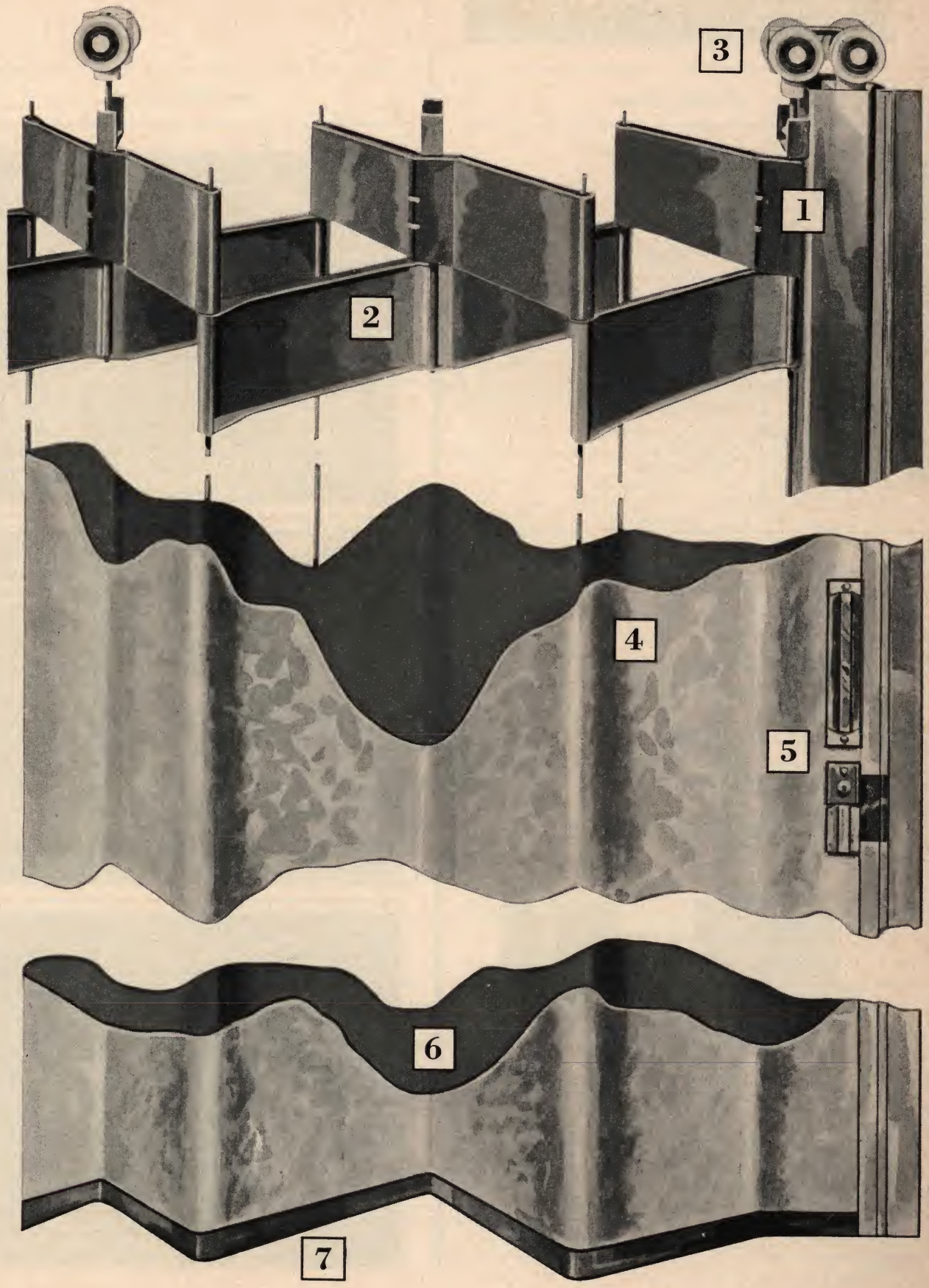
4 FABRIC
Frame is enclosed with a General Tire Tolex ® fabric, durable, sunfast, flame resistant. Minimum standard weight—18 oz. per square yard (27 ozs. per linear yard 54″ wide). Fabric will not crack, craze or peel.

5 HARDWARE
Functional, attractive and durable—parts are cast aluminum chrome plated.

Locks and latches are available keyed or master keyed.

6 SOUND REDUCTION LINER
Separate layer of flame retardant material between frame and covering to provide effective sound retardancy.

7 SWEEP STRIPS
Seals opening against light or sound transmission from one room to another.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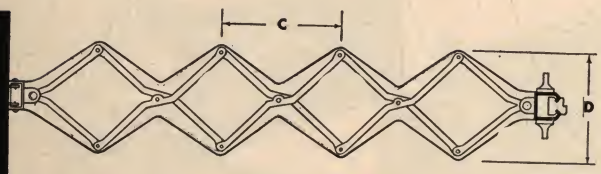
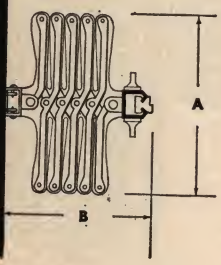
CUSTOMFOLD

design data





door dimensions

	A	B	C	D
#8	8¾″	1¾″ per ft. width plus 2⅞″ (avg.)	5½″	5½″
#12	12¼″	same as above	8½″	8½″

note: add ¼″ to dim. A and D for doors with sound liners

DOORS

	widths	heights
standard #8	2′–6″ to 26′–0″	6′–6″, 6′–8″ or 8′–0″
special #8	2′–0″ to 26′–0″	up to 14′–0″
heavy duty #12	to 30′–0″	up to 20′–0″

TRACK

Customfold tracks are electro-plated, rust-resistant steel. Surfaces are prepared for painting if desired.

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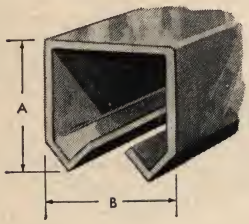

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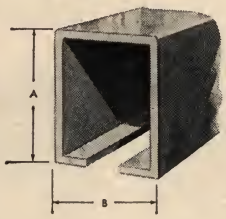
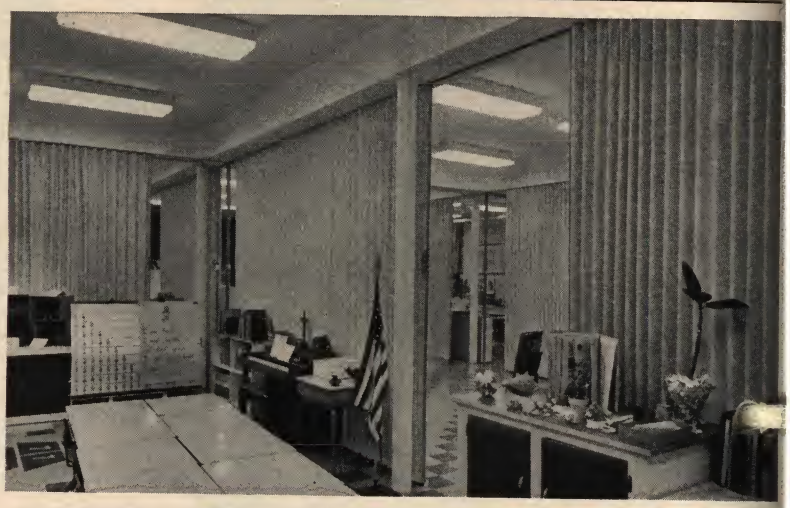
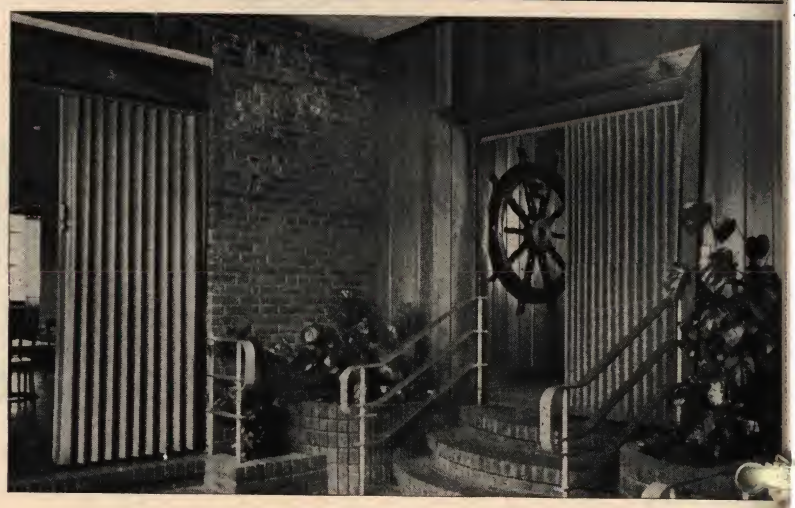


	track dimensions gauge	A	B
standard #8	18	1 11/32″	1 11/32″
special #8	16	1⅜″	1⅜″
heavy duty #12	14	2″	1½″

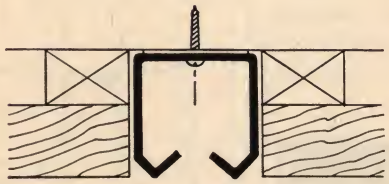
installations



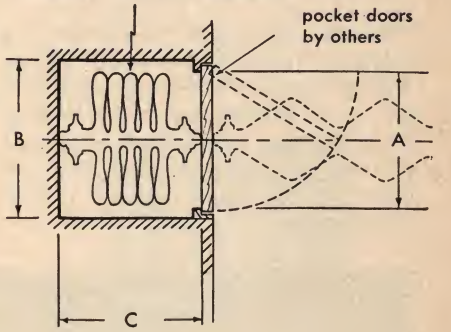


HUNG CEILING

Method one is to make a pocket of wood and fasten track into recess resulting from pocket.



POCKET DOOR RECESS



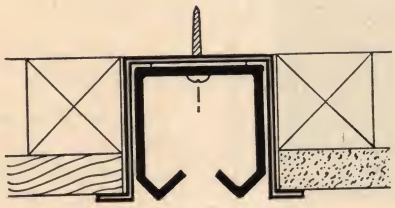
case Y—with pocket door

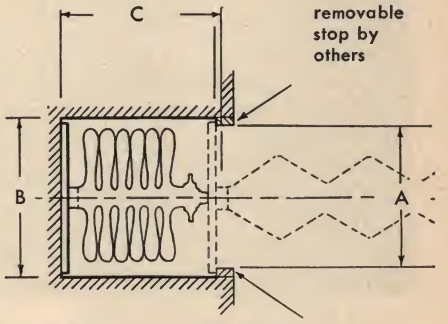
	A	B	C
standard #8	10″	12″	1¾″ per ft. width
special #8	10″	12″	plus 2⅞″ (avg.)
heavy duty #12	15″	17″	same as above

RECESSED

A sub-channel (which we supply) may be permanently fastened to become part of the ceiling either by plastering around it or using it as a shelf to fasten acoustic ceiling squares. After this is permanently installed our track may be fastened into the sub-channel.

In both cases the fabric rides approximately 3/16″ down from ceiling.

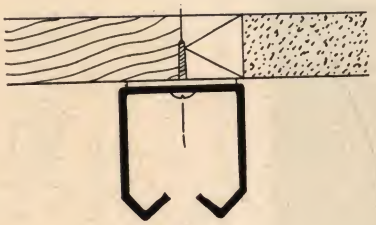




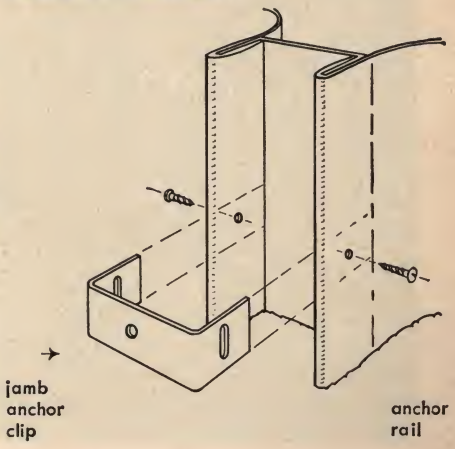
case Z—without pocket door
same dimensions as
for case Y

EXPOSED TRACK

Track is fastened to the ceiling in a predetermined location. In this case the cloth covers the track and hides the track when door is fully extended. The fabric will ride approximately 3/16″ from the ceiling.



JAMB ATTACHMENT

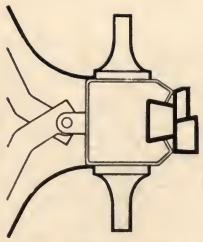


accessories

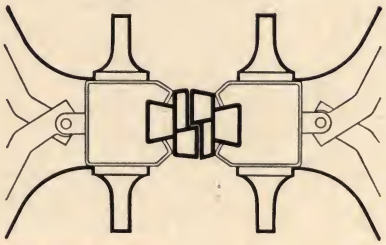
Versatile, adaptable CUSTOMFOLD offers complete planning freedom for room division requirements. The accessories available provide for simplified multiple space partitioning. You will find glide switches, pivot switches, cross-over switches, door meeting posts for 1, 2, 3 and 4 doors, rolling posts, all of which allow you to divide space to meet your specific requirements.

Glide switch installation showing how doors can be quickly stacked against a wall, out of the way, without loss of floor space.

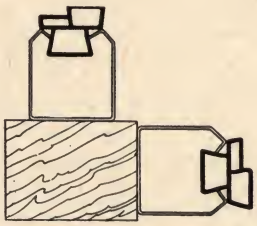
posts



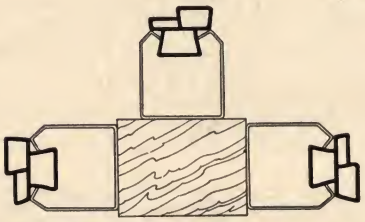
one-way single meeting post meeting wall or jamb



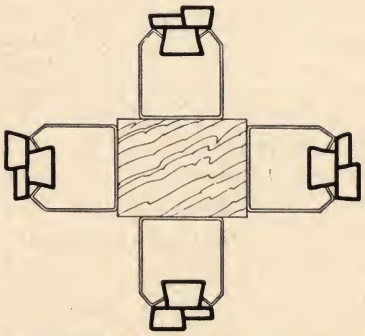
lead posts for pair of doors



two-way "L" meeting post where two doors meet at right angles to form a room



three-way "T" meeting post enables three doors to meet and form two separate rooms



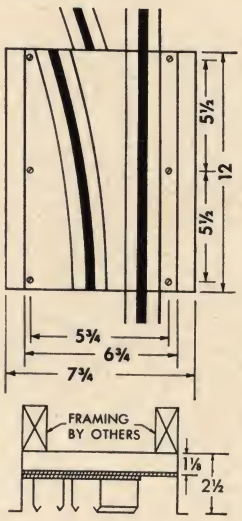
four-way "X" meeting post enables four doors to meet and form four separate rooms

switches

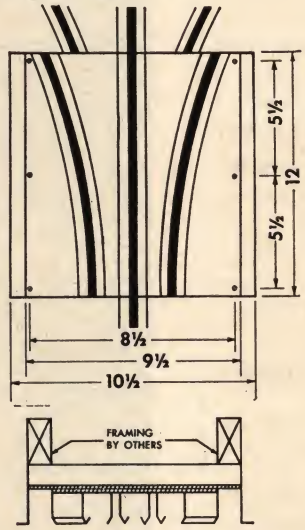
glide

The glide switch, either one-way or two-way, helps doors to move from one track to another and enables the doors to serve a multitude of functions.

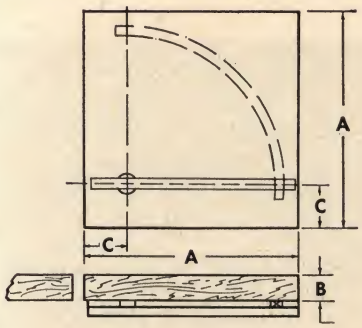
single glide



double glide

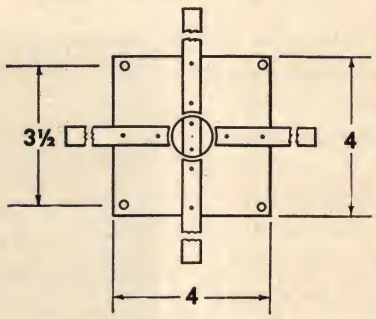


pivot switch



Allows stacked doors to rotate through a 90° arc to change directions.

four-way crossover switch



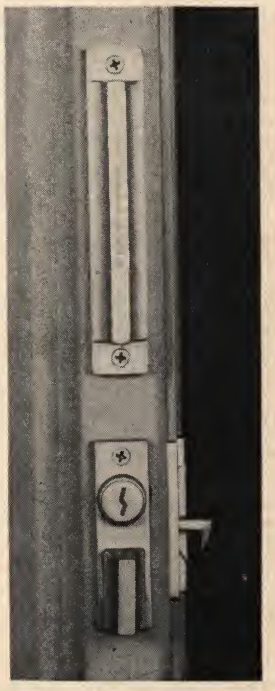
Four-way switch crossover enables door to cross over the track of another door installed at right angles.

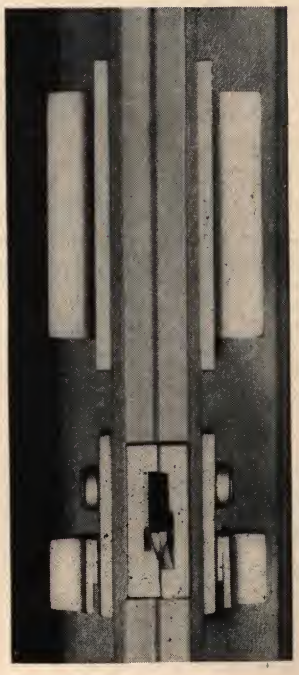
pivot switch dimensions

A	B	C	pivot switch no.	max. width of door 8″ hinge	max. width of door 12″ hinge	max. width with sound liner 8″ hinge	max. width with sound liner 12″ hinge	max. height of door 8″ hinge	max. height of door 12″ hinge
24″	2⅜	5½	24	10′		8′		8′	
30″	2⅜	5½	30	14′	18′	12′	16′	14′	14′
36″	2⅜	5½	36	16′–6″	20′	14′	18′	14′	16′
48″	2⅜	5½	48	23′	30′	21′	28′	15′	16′

hardware

Customfold hardware is of durable, aluminum furnished with latch and key lock or can be supplied master keyed. All Customfold doors can be master keyed to each other.





sound reduction and flame control

Many applications require additional sound insulation in order to reduce noise between rooms.

CUSTOMFOLD meets this problem by supplying the best available sound insulating and fire resistant materials as special liners beneath the outer fabric. They do not alter the appearance of the door and offer maximum sound reduction.

Customfold sound insulated doors are provided with sweep strips to completely close off the entire opening. In addition, sound channels are supplied to receive the lead post.

Sound reduction liners shall be constructed to meet fire requirements:

1—New York City Board of Standards and Appeals.
2—City of Boston Fire Department.
3—City of Los Angeles.

Customfold doors have been sound tested by the United States Testing Co., Inc. Test performance is available upon request.

FABRIC

The superb Customfold supported vinyl fabrics were styled by General Tire and Rubber Corp. exclusively for these doors. The richly textured finish is available in a wide variety of striking patterns in a broad palette of deocrator colors. These Tolex® vinyl fabrics are alltreated to meet local, state and federal flame proofing requirements and are Underwriter Laboratory approved. Rugged and durable, Customfold provides years of trouble-free service—have the flexing strength to take continuing abuse. These Tolex covers withstand folding and abrasion, will not crack or peel, resist fading even in bright sunshine—wipe clean with a damp cloth. These colorful Customfold covers add richness, warmth and distinction to any installation.

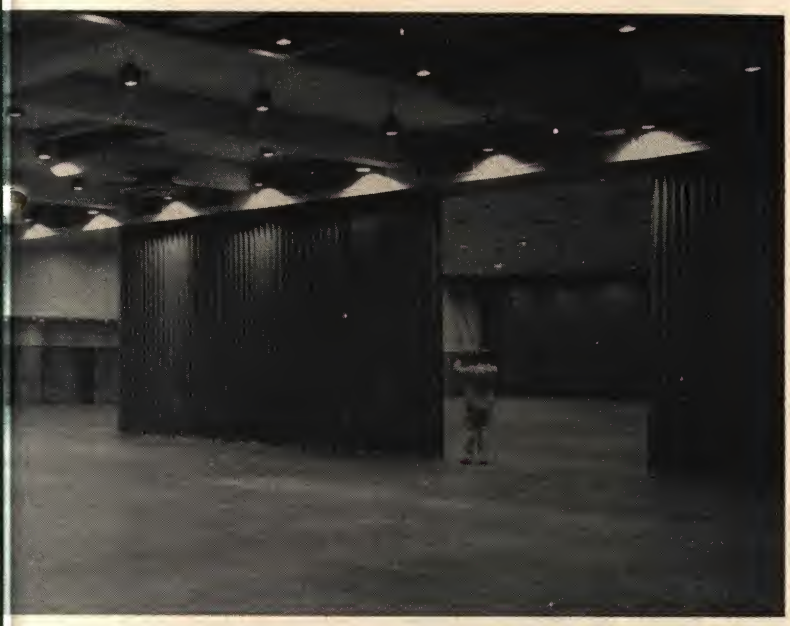
Customfold doors are movable walls that create space, save space and divide space. They are versatile, economical and practical solutions to space planning problems.

CUSTOMFOLD INSTALLATIONS

NORTH HALL

EAST HALL

AT THE N. Y. COLISEUM



SOUTH HALL

specifications

general: Customfold Doors as shown on Plans shall be furnished and installed by authorized representatives of the American Accordion-Fold Doors, Inc., Jamaica 33, New York.

detailed: Customfold Doors shall be top supported without floor guides, and shall be completely fabricated at the Factory complete with all hardware ready for installation.

frames: Customfold frames shall consist of a rust resistant 18 gauge or heavier steel frame of interlacing collapsible and extensible hinges, having a true pantograph action. Hinge plates shall be located top and bottom, and necessary intermediate locations. Hinge plates shall be connected by 3/16" rust resistant steel rods to provide uniformity and stability. All mechanism for producing stability and pantographic action shall be contained within the door frame and fabric covering.

track and hardware: All track and sub-channels shall be cadmium plated rust resistant steel. Tracks shall be 18 gauge or heavier.

trolley wheels: Doors less than 10 ft. high shall have solid nylon wheels. Doors over 10 ft. high shall have ball bearing steel wheels with nylon tread. Wheel carriers shall be provided for door support and shall be spaced a maximum of 21" apart. Wheel carriers supporting rolling posts shall be swivel and noiseless.

handles locks and latches: Shall be of satin aluminum baked on finish, or chromium plated or satin finished.

fabric construction: Vinyl coated fabric, finished fabric weight 18 oz. per square yard (27 oz. per lineal yard 54" wide), shall not peel, craze or crack.

characteristics: Fabric coating shall be compounded and applied to backing, so as to give fabric long life, flexibility, and exceptional resistance to cold, fading and discoloration.

flame resistant: Fabric shall meet with the specifications and tests of the following Agencies:

a—New York Board of Standards and Appeal.

b—Fire Department City of Boston.

C—City of Los Angeles.

d—Federal Specification CCC-C-418.

Underwriter Laboratory Approv.

sound insulation: Sound insulating liners shall be flame resistant, mildew and vermin proof, and not support combustion. Lining shall not alter appearance or interfere with the door operation. Sweep strips at head and floor, shall be of elastometric material and shall not crack of craze under severe usage. Sound reduction channels are required. There shall be an equal number of folds on both sides of doors.

Sound reduction liners shall be constructed to meet fire requirements:

1—New York City Board of Standards and Appeals.

2—City of Boston Fire Department.

3—City of Los Angeles.

warranty: Customfold shall be fully guaranteed for 1 year against defects in workmanship or faulty materials.

All Customfold Doors shall be fabricated to receive complete interchangeable lock or latch units, all of which shall be an integral part of the door pull design.

STACKDOOR

for residential applications as closet doors, passageway doors and room dividers

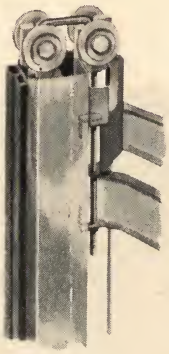
Stackdoor is versatile and beautiful and can be used throughout the home. It's the perfect answer to closet door problems, for Stackdoor takes up no room, allows former wasted space to be used. Stackdoor is ideal as a room divider too. It adds color, charm and utility to rooms.

Stackdoor is the unique folding door that provides custom quality features at stock door prices.

Stackdoor used as room divider

Stackdoor as passageway doors. Note savings in floor and wall space

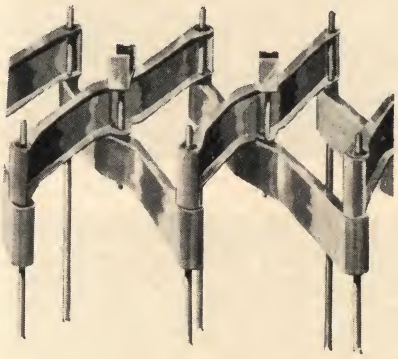
LEAD POST AND ROLLER HARDWARE



Master carrier roller hardware on lead post comprize four 1'' diameter nylon wheels. Lead post of 20 gauge durable electroplated rust-resistant steel.

lead rail and master carrier

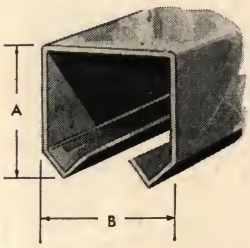
HINGE CONSTRUCTION



Massive heavy gauge electroplated rust-resistant steel plate, 8'' x 2½''. True pantograph action.

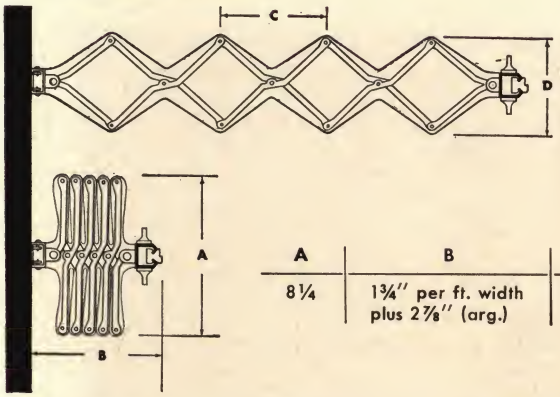
TRACK

Stackdoor tracks are made of rust resistant steel with baked finish to match color of door.



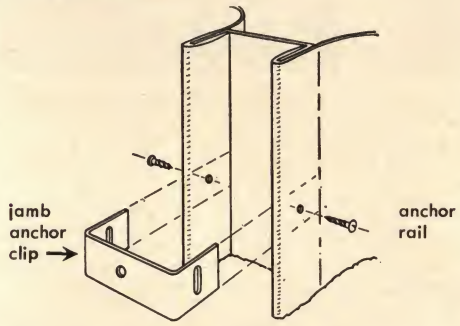
gauge	A	B
20	1 5/16''	1 5/16''

STACK DIMENSIONS



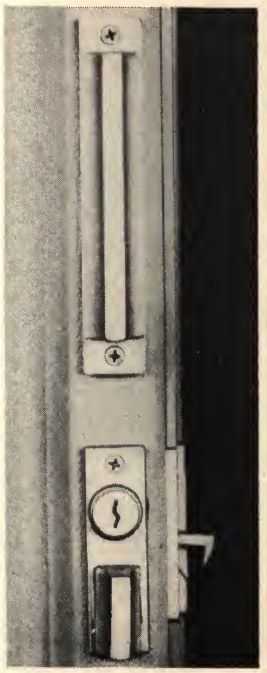
A	B	C
8¼	1¾″ per ft. width plus 2⅞″ (arg.)	5½

JAMB ATTACHMENT

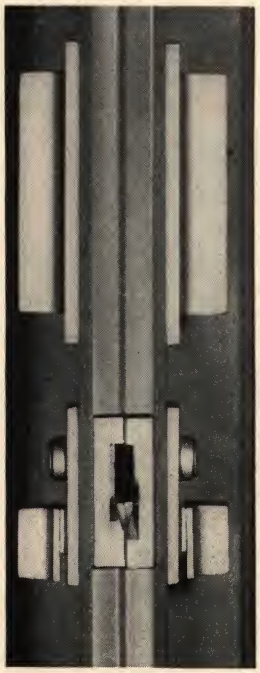


HARDWARE

locks and latches are of satin finished aluminum



Heavy duty bumper guard provides flush fit to jamb or wall.



Lead rail to house hardware — 20 gauge rust resistant steel. Latch and key lock assembly optional equipment

sizes

width	height
2′ 8″ x 7′ 0″	6′ 2″
	6′ 6″ or 6′ 8″
	7′ 6″
	8′ 0″
3′ 0″ x 7′ 0″	6′ 2″
	6′ 6″ or 6′ 8″
	7′ 6″
	8′ 0″
4′ 0″ x 7′ 0″	6′ 2″
	6′ 6″
	7′ 6″
	8′ 0″
4′ 6″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
5′ 0″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
5′ 6″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
6′ 0″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
6′ 6″ x 7′ 0″	6′ 6″
	8′ 0″
7′ 0″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
7′ 6″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″
8′ 0″ x 7′ 0″	6′ 6″ or 6′ 8″
	8′ 0″

doors may be paired to fit openings through 16′–0″ wide

Special fully-covered headers are available so that Stackdoor can be used in intermediate heights. Example: for opening 2′ 6″ x 6′ 9″

specifications

Stackdoor as shown on plans shall be furnished by authorized representative of the American Accordion-Fold Doors, Inc., Jamaica 33, New York.

detailed: Stackdoor shall be top supported without floor guides, and shall be completely fabricated at Factory to include all track and necessary hardware ready for installation. Stackdoor frame shall consist of rust resistant steel of interlacing, extensible hinge plates, connected by rust resistant 3/16″ vertical rods, to provide smooth operation, true pantograph action with equal folds on both sides of the door.

The frame shall be completely enclosed with a flame retardant supported vinyl covering.

Fabric shall be attached to clips that are spring loaded to assure even tension to all parts of the frame.

All track shall have a baked enamel finish to match color of door.

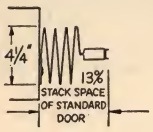
Stackdoor shall be equipped with all hardware, ready for installation and shall be guaranteed for 1 year against faulty materials or workmanship.

ACCORDOFOLD ROYALE

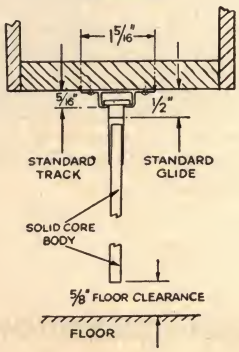
for residential applications as closet doors, passageway doors and room dividers

Accordofold Royale's solid 5/16″ thick composition board body with washable, wrinkleproof laminated supported vinyl cover, gives this door the look and feel of a wall. Accordofold Royale provides trim, slim beauty, compact 4″ folds with a 4½″ front-to-bac stack to provide graceful and flush fit for openings. Exclusive aluminum handles andlatch assembly is provided as stock equipment. Accordofold Royale makes use of massive top quality hardware that will take indefinite infinite abuse—provides solid certain closures. Accordofold makes use of an exclusive nylon linkage that assures absolute uniformity of folds. Distinctive decorator colors in rich supported vinyl fabrics are keyed to traditional or contemporary interiors.

Accordofold Royale closet doors provide more room in the master bedroom. Two 4′ pairs of doors cover a 16′ opening in a complete ceiling to floor installation and eliminates trimming down.



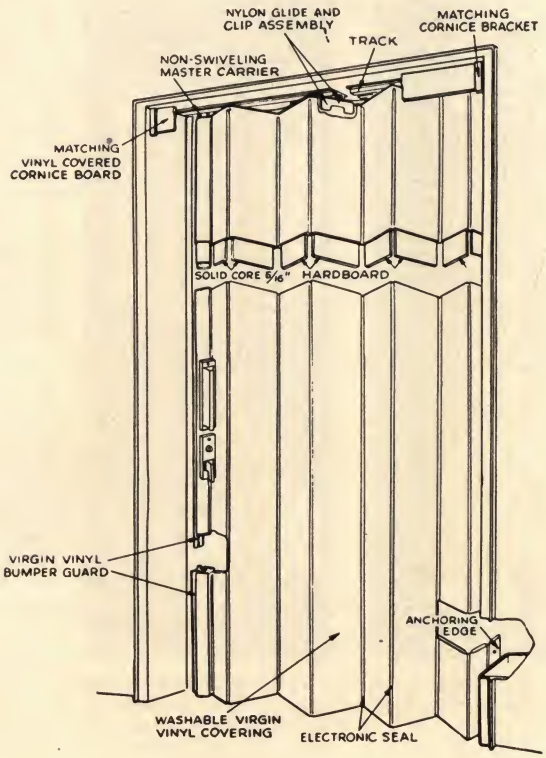
STANDARD



Accordofold Royale used as a passageway door provides compact space saving of floor and wall.

DOOR DETAILS

standard

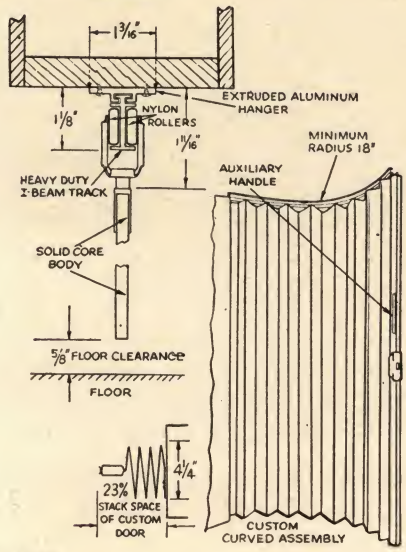


custom

Accordofold Royale Door specifically designed for coverage of large areas contain all features of the standard installation of Accordofold Door but is made with special roller hardware and heavy duty I-beam track. For use in openings over 8′–3″ wide where one door is desired, and for all openings over 8′ high. Maximum single door width: 25′. Maximum height: 12′. When used in pairs, custom Accordofold will fit openings up to 50′ wide, 12′ high. Curved installations for any opening require the custom Accordofold Door. No cornices are supplied with curved doors.

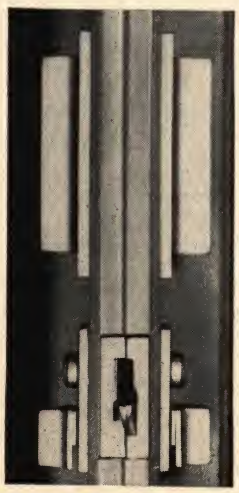
CUSTOM DOOR & INSTALLATION DETAILS

CUSTOM



HARDWARE

Heavy duty bumper guard provides flush fit to jamb or wall.



Lead rail to house hardware — 20 gauge rust-resistant steel.

Deluxe aluminum baked on satin finish handles and latch assembles supplied as standard equipment with Accordofold Royale. Keyed lock may be added to latch assembly housing.

sizes

width	height	width	height
2′–0″	6′–6″ x 6′–8″ 8′–0″	5′–0″	6′–6″ x 6′–8″ 8′–0″
2′–6″	6′–6″ x 6′–8″ 8′–0″	6′–0″	6′–6″ x 6′–8″ 8′–0″
3′–0″	6′–6″ x 6′–8″ 8′–0″	8′–0″	6′–6″ x 6′–8″ 8′–0″
4′–0″	6′–6″ x 6′–8″ 8′–0″		

By using standard size doors in pairs, all openings through 16′ feet wide x 8′ feet can be accommodated. All doors easily shortened to any height.

All Accordofold Royale Doors can be easily shortened and can be supplied for intermediate heights.

specifications

General: Accordofold Royale as shown on Plans shall be furnished and installed by authorized representatives of American Accordion-Fold Doors, Inc., Jamaica 33, New York.

Accordofold Royale doors shall be top supported without floor guides, and shall be completely fabricated at the Factory to include all necessary hardware ready for installation.

Accordofold Royale shall have a 5/16″ composition board body, to which a backed vinyl covering is laminated. Hinge construction shall be created by electronic sealing of pockets every 4″.

Operational hardware shall consist of self-lubricating nylon glides to be connected with nylon linkage to assure true uniformity of folds at all times.

Front to back stack of door to be 4¼″.

Tracks to be galvanized bonderized steel.

Vinyl covering shall be washable, skuff free, shall not peel, crack or craze, and to be flame retardant.

Accordofold Royale to be supplied with a fabric covered, matching cornice and brackets to conceal operational hardware.

As standard equipment, Deluxe satin finished aluminum alloy handles and latching assemblies to be supplied.

All Accordofold Royale shall be constructed to receive keyed locks, and can be master keyed to each other.

Accordofold Royale doors are guaranteed for 1 year against defects in material and workmanship.

WOVYNFOLD

for residential applications as closet doors, passageway doors and room dividers

Wovynfold offers a blending of warm Philippine mahogany body with a durable nylon fortified vinyl—woven together into a completely unique and practical door. Wovynfold has a striking textural beauty that makes it ideal in any interior setting. It is simple to install, easy to maintain and has been flex tested over a million times in laboratory proof of its strength.

Wovynfold room divider creates separate cooking and dining area, provides complete visual privacy

Wovynfold closet closure combines beauty and utility

Philippine mahogany body Beautifully grained Philippine mahogany provides the luxury and distinction typical of this quality wood.

Durable nylon fortified cover Sturdy nylon-filled vinyl covering won't rip, tear or wear through years of use.

Flush-fitting and dust-free Used as a closet door, Wovynfold gives you a flush-fitting, dust-free closure. Remote closet corners are easily accessible.

Complete privacy Used as a passageway door or room divider, Wovynfold provides complete visual privacy.

Savings in new construction Wovynfold eliminates furring, trim, additional hardware and painting.

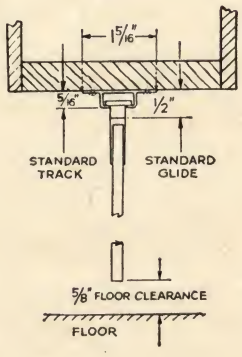
Simple to install and maintain Wovynfold is shipped completely packaged with all necessary hardware. Can be installed in minutes. Surface is easily cleaned.

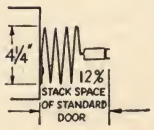
Virtually like a wall When closed, Wovynfold has the appearance and feel of a real wall. It operates without creaking or banging.

Four attractive finishes Natural, beige, grey and white. Wood body matches nylon cover. Decorative accessories, handles, clip assembly, lead rail provided to match color of door.

Wovynfold passageway door provides additional usable wall and floor space

HEAD DETAIL AND STACK DIMENSIONS





sizes

width height	width height
2′–2″ x 6′–8″	5′–2″ x 6′–8″
2′–8″ x 6′–8″	6′–2″ x 6′–8″
3′–2″ x 6′–8″	7′–3″ x 6′–8″
4′–2″ x 6′–8″	8′–3″ x 6′–8″

stock sizes can be used as single units or 2 units can be paired.

All doors are easily shortened to any height. Intermediate heights other than 6–6″, 6′–8″ and 8′–0″ available. Maximum sizes: single door, 25′ wide, 8′ high; pair: 50′ wide by 8′ high.

specifications

general: Wovynfold Doors as shown on plans shall be furnished and installed by authorized representatives of the American Accordion-Fold Doors, Inc., Jamaica 33, New York.

detailed: Wovynfold Doors shall be top supported without floor guide, and shall be completely furnished to include all necessary hardware ready for installation. Philippine mahogany body 1″ x 1/10″. Woven covering shall be nylon fortified vinyl, 20 strands per inch, embossed texture, washable, fire retardant, and shall contain a minus 20 degree cold crack. Lead rails shall be 32 gauge half-hard steel, bonderized and galvanized, and shall have a baked enamel finish to match color of door. Track shall be electro-galvanized steel U shaped 1 5/16″ x 5/16″. Operational hardware, nylon. Each Wovynfold Door shall contain 12% additional fullness, and shall have a 4 1/4″ front to back stack. Stacking space to be 12% of extended width. Packaging: Each door shall be shipped in individual containers complete with all hardware. Handles and glide assembly shall match color of door.

Wovynfold Doors are guaranteed for 1 year against defects in material or workmanship.

CUSTOMFOLD DOORS

ACCORDOFOLD ROYALE

WOVYNFOLD DOORS

STACKDOOR

AMERICAN ACCORDION-FOLD DOORS, INC.

GENERAL OFFICES Jamaica 33, N. Y.

PLANTS: Richmond Hill, N. Y. • Tulleytown, Pa. • Jamaica, N. Y.

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